

Amendments to the Claims:

Please cancel claims 1 to 19 as presented in the underlying International Application No. PCT/EP2004/003641.

Please add new claims 20 to 39 as indicated in the listing of claims below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-19 (canceled).

Claim 20 (new): A hingeless rotor, comprising:

- a rotor head;

- a rotor mast having a rotor axis;

- a torque-transmission element nonrotatably joined to the rotor mast;

- at least one rotor blade; and

- a rotor-head-side rotor-blade connector having a centrifugal-force-discharging blade connector loop that encircles the rotor axis and is nonrotatably joined to the torque-transmission element.

Claim 21 (new): The rotor as recited in claim 20, wherein the blade connector loop extends in a longitudinal direction of the at least one rotor blade.

Claim 22 (new): The rotor as recited in claim 20, wherein the blade connector loop is self-contained.

Claim 23 (new): The rotor as recited in claim 20, wherein the blade connector loop is of open configuration and includes at least one loop closure element configured to close the open blade connector loop.

Claim 24 (new): The rotor as recited in claim 20, wherein the blade connector loop includes a flattened, strip-shaped loop segment.

Claim 25 (new): The rotor as recited in claim 20, wherein the blade connector loop includes at least two loop portions that extend largely in different planes relative to one another and are combined into a loop.

Claim 26 (new): The rotor as recited in claim 20, wherein the blade connector loop includes multiple loop segments, the multiple loop segments extending next to and/or above each other.

Claim 27 (new): The rotor as recited in claim 20, wherein the blade connector loop is an integral component of the rotor blade.

Claim 28 (new): The rotor as recited in claim 20, wherein the at least one rotor blade includes a plurality of rotor blades and wherein the blade connector loops of the plurality of rotor blades are disposed one above another in the axial direction of the rotor mast.

Claim 29 (new): The rotor as recited in claim 20, wherein the at least one rotor blade includes a plurality of rotor blades and wherein the blade connector loops of the plurality of rotor blades are embodied in intersuspended fashion.

Claim 30 (new): The rotor as recited in claim 20, wherein the at least one rotor blade includes a plurality of rotor blades and wherein the blade connector loops of the plurality of rotor blades are joined to one another at at least one point.

Claim 31 (new): The rotor as recited in claim 20, wherein the blade connector loop is embodied in the form of a bearing laminate equipped with an orifice, and wherein the rotor axis extends through the orifice.

Claim 32 (new): The rotor as recited in claim 20, wherein the blade connector loop includes at least one joining portion spaced radially away from the axis and at which the blade connector

loop is joined to the torque-transmission element.

Claim 33 (new): The rotor as recited in one claim 32, wherein the joining portion is configured as at least one joining tab.

Claim 34 (new): The rotor as recited in claim 33, wherein the at least one joining tab is disposed in a longitudinal direction of the at least one rotor blade on a side of the blade connector loop facing away from a rotor-blade tip.

Claim 35 (new): The rotor as recited in claim 20, further comprising a ring-like centrifugal-force sleeve and wherein the rotor mast extends in unattached fashion in a region of the rotor head through the centrifugal-force sleeve and the blade connector loop is disposed around the centrifugal-force sleeve.

Claim 36 (new): The rotor as recited in claim 35, further comprising an elastic intermediate element disposed between the ring-like centrifugal-force sleeve and the rotor mast.

Claim 37 (new): The rotor as recited in claim 20, wherein the rotor is a bearingless rotor.

Claim 38 (new): The rotor as recited in claim 20, wherein the rotor is for a rotorcraft.

Claim 39 (new): A rotorcraft having at least one hingeless rotor as recited in claim 20.

Claim 40 (new): The rotorcraft as recited in claim 38, wherein the rotorcraft is at least one of a helicopter and a tiltrotor helicopter,